

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	((("5249320") or ("5700254") or ("5876388") or ("5176952") or ("6224965") or ("6224965") or ("4874399") or ("5417678") or ("4055268") or ("4154363") or ("4436780") or ("4531945") or ("4906513") or ("4964509") or ("5308508") or ("5508101") or ("5763065") or ("6071651") or ("6099729") or ("6108879") or ("6329465") or ("4372312") or ("4543098") or ("5269720") or ("4618524") or ("4508775") or ("4615696") or ("4863785") or ("4933092") or ("5414870") or ("5652148") or ("5728446") or ("6433243") or ("6680114") or ("4929492") or ("5855784") or ("5955193") or ("6090731") or ("4594202") or ("5603691") or ("5731065") or ("6077240") or ("3843974") or ("4047534") or ("4095950") or ("4379192") or ("4500592") or ("4522863"))).PN.	USPAT	OR	OFF	2005/06/30 14:39
L2	291	microfiber and (extruded or extrusion) and (axial or axially)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:40
L3	16937	co-extruded or co-extrude or co-extrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:40
L4	148	L3 and microfiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:41
L5	1836	microfiber same layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:41

L6	41	L5 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:42
L7	13	L3 same L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:46
L8	4	L7 and (axial or axially)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/06/30 14:46

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09974040 on June 30, 2005

- 10 428/903 (0 OR, 10 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/903 MICROFIBER (LESS THAN 100 MICRON DIAMETER)
- 7 428/198 (5 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)
428/195.1 .Discontinuous or differential coating,
impregnation or bond (e.g., artwork, printing, retouched
photograph, etc.)
428/198 ..Spot bonds connect components
- 6 428/913 (0 OR, 6 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/913 MATERIAL DESIGNED TO BE RESPONSIVE TO
TEMPERATURE, LIGHT, MOISTURE, ETC.
- 6 604/378 (2 OR, 4 XR)
Class 604 : SURGERY
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)
604/358 .Absorbent pad for external or internal
application and supports therefor (e.g., catamenial
devices, diapers, etc.)
604/378 ..Containing layers having differing absorption
characteristics (e.g., flow control, wicking, etc.)
- 5 604/370 (3 OR, 2 XR)
Class 604 : SURGERY
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)
604/358 .Absorbent pad for external or internal
application and supports therefor (e.g., catamenial
devices, diapers, etc.)
604/367 ..Containing particular materials, fibers, or
particles
604/370 ...Thermoplastic
- 3 428/219 (1 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)
428/219 .Weight per unit area specified
- 3 442/340 (2 OR, 1 XR)
Class 442 : FABRIC
442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER
MATERIAL)
442/334 .Including strand or fiber material which is of
specific structural definition
442/340 ..Strand or fiber material specified as having
micro dimensions (i.e., microfiber)
- 3 442/351 (0 OR, 3 XR)
Class 442 : FABRIC
442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER
MATERIAL)
442/334 .Including strand or fiber material which is of

- specific structural definition
- 442/340 ..strand or fiber material specified as having
micro dimensions (i.e., microfiber)
- 442/351 ...Microfiber is synthetic polymer
- 3 604/358 (0 OR, 3 XR)
Class 604 : SURGERY
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)
604/358 .Absorbent pad for external or internal
application and supports therefor (e.g., catamenial
devices, diapers, etc.)
- 3 604/384 (1 OR, 2 XR)
Class 604 : SURGERY
604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR
WASTE MATERIAL (E.G., RECEPTACLES, ETC.)
604/358 .Absorbent pad for external or internal
application and supports therefor (e.g., catamenial
devices, diapers, etc.)
604/384 ..Having specific fiber orientation or weave
- 2 5/484 (1 OR, 1 XR)
Class 005 : BEDS
5/482 BEDCLOTHING
5/484 .Waterproof
- 2 15/209.1 (0 OR, 2 XR)
Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING
15/104.001 IMPLEMENTS
15/208 .Fabric
15/209.1 ..Wiper, dauber, or polisher
- 2 210/508 (0 OR, 2 XR)
Class 210 : LIQUID PURIFICATION OR SEPARATION
210/348 FILTER
210/500.1 .Material
210/506 ..Coated or impregnated, e.g., adhesively bound
210/508 ...Fibrous
- 2 210/510.1 (0 OR, 2 XR)
Class 210 : LIQUID PURIFICATION OR SEPARATION
210/348 FILTER
210/500.1 .Material
210/510.1 ..Porous unitary mass
- 2 210/729 (1 OR, 1 XR)
Class 210 : LIQUID PURIFICATION OR SEPARATION
210/600 PROCESSES
210/702 .Making an insoluble substance or accreting
suspended constituents
210/729 ..Utilizing organic precipitant
- 2 220/560.12 (2 OR, 0 XR)
Class 220 : RECEPTACLES
220/560.04 FOR CRYOGENIC CONTENT (E.G., LIQUEFIED GAS)
220/560.12 .Including thermal insulation
- 2 422/101 (0 OR, 2 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE

LABORATORY DEVICE

- 422/99 .Miscellaneous laboratory apparatus and elements, per se
- 422/101 ..Including means for separating a constituent; e.g., filter, condenser, extractor, etc.
- 2 428/195.1 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)
 428/195.1 .Discontinuous or differential coating, impregnation or bond (e.g., artwork, printing, retouched photograph, etc.)
- 2 428/209 (2 OR, 0 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)
 428/195.1 .Discontinuous or differential coating, impregnation or bond (e.g., artwork, printing, retouched photograph, etc.)
 428/209 ..Including metal layer
- 2 428/212 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)
 428/212 .Including components having same physical characteristic in differing degree
- 2 428/213 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)
 428/212 .Including components having same physical characteristic in differing degree
 428/213 ..Thickness (relative or absolute)
- 2 428/218 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)
 428/212 .Including components having same physical characteristic in differing degree
 428/218 ..Density or compression of components
- 2 428/359 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE, CELL, STRAND, STRAND PORTION, ROD, FILAMENT, MACROSCOPIC FIBER OR MASS THEREOF
 428/359 .staple length fiber
- 2 428/364 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE, CELL, STRAND, STRAND PORTION, ROD, FILAMENT, MACROSCOPIC FIBER OR MASS THEREOF
 428/364 .Rod, strand, filament or fiber
- 2 428/373 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE,

09974040_CLSTITLES1.txt
 CELL, STRAND, STRAND PORTION, ROD, FILAMENT,

MACROSCOPIC

FIBER OR MASS THEREOF

428/364 .Rod, strand, filament or fiber
 428/373 ..Bicomponent, conjugate, composite or
 collateral fibers or filaments (i.e., coextruded
 sheath-core or side-by-side type)

2 428/408 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/408 SELF-SUSTAINING CARBON MASS OR LAYER WITH
 IMPREGNANT OR OTHER LAYER

2 428/920 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/920 FIRE OR HEAT PROTECTION FEATURE

2 436/177 (0 OR, 2 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/174 INCLUDING SAMPLE PREPARATION
 436/177 .Liberation or purification of sample or
 separation of material from a sample (e.g., filtering,
 centrifuging, etc.)

2 442/117 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN
 FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/117 OR ALLOY LAYER
 .Coating or impregnation is electrical
 insulation-providing, -improving, or -increasing, or
 conductivity-reducing

2 442/152 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN
 FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/152 OR ALLOY LAYER
 .Coated or impregnated natural fiber fabric
 (e.g., cotton, wool, silk, linen, etc.)

2 442/164 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN
 FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/164 OR ALLOY LAYER
 .Coated or impregnated synthetic organic fiber fabric

2 442/172 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN
 FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/172 OR ALLOY LAYER
 .Coated or impregnated inorganic fiber fabric

2 442/345 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER
 MATERIAL)
 442/334 .Including strand or fiber material which is of
 specific structural definition
 442/340 ..strand or fiber material specified as having
 micro dimensions (i.e., microfiber)
 442/345 ...Including another chemically different
 microfiber in a separate layer

2 442/361 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER
 MATERIAL)
 442/361 .Including strand or fiber material which is a
 monofilament composed of two or more polymeric materials

in physically distinct relationship (e.g., sheath-core,
 side-by-side, islands-in-sea, fibrils-in-matrix, etc.) or
 composed of physical blend of chemically different
 polymeric materials or a physical blend of a polymeric
 material and a filler material

2 442/401 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/327 NONWOVEN FABRIC (I.E., NONWOVEN STRAND OR FIBER
 MATERIAL)
 442/401 .Spun-bonded nonwoven fabric

2 442/60 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN
 FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER

PREFORMED

LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE

METAL

442/60 OR ALLOY LAYER
 .Fabric composed of a fiber or strand which is
 of specific structural definition

2 442/65 (0 OR, 2 XR)
 Class 442 : FABRIC
 442/59 COATED OR IMPREGNATED WOVEN, KNIT, OR NONWOVEN
 PREFORMED FABRIC WHICH IS NOT (A) ASSOCIATED WITH ANOTHER
 LAYER OR FIBER LAYER OR, (B) WITH RESPECT TO WOVEN AND
 KNIT, CHARACTERIZED, RESPECTIVELY, BY A PARTICULAR OR
 DIFFERENTIAL WEAVE OR KNIT, WHEREIN THE COATING OR
 IMPREGNATION IS NEITHER A FOAMED MATERIAL NOR A FREE
 METAL OR ALLOY LAYER

442/64 .Two or more non-extruded coatings or
 impregnations
 442/65 ..Each major face of the fabric has at least
 one coating or impregnation

2 450/37 (1 OR, 1 XR)
 Class 450 : FOUNDATION GARMENTS
 450/1 BREAST OR CHEST, E.G., BRASSIERES
 450/37 .With lacteal fluid receptor or shield

2 602/1 (0 OR, 2 XR)
 Class 602 : SURGERY: SPLINT, BRACE, OR BANDAGE
 602/1 ORTHOPEDIC BANDAGE

2 602/8 (2 OR, 0 XR)
 Class 602 : SURGERY: SPLINT, BRACE, OR BANDAGE
 602/1 ORTHOPEDIC BANDAGE
 602/5 .Splint or brace
 602/6 ..Shaped or shapeable
 602/8 ...By chemically reactive material (e.g.,
 plaster cast)

2 604/375 (0 OR, 2 XR)
 Class 604 : SURGERY
 604/317 MEANS AND METHODS FOR COLLECTING BODY FLUIDS OR
 WASTE MATERIAL (E.G., RECEPTACLES, ETC.)
 604/358 .Absorbent pad for external or internal
 application and supports therefor (e.g., catamenial
 devices, diapers, etc.)
 604/367 ..Containing particular materials, fibers, or
 particles
 604/374 ...Cellulose or cellulosic materials
 604/375With additional chemical modifications
 (e.g., paper, chemical pulp, rayon, etc.)